

## RAW SEQUENCE LISTING

DATE: 11/05/2001

PATENT APPLICATION: US/09/774,203A

TIME: 18:44:14

Input Set : N:\jumbos\774203A.txt

Output Set: N:\CRF3\11052001\I774203A.raw

ENTERED

1 <110> APPLICANT: Penn, Sharron G.  
 2 Rank, David R.  
 3 Hanzel, David K.  
 5 <120> TITLE OF INVENTION: METHODS AND APPARATUS FOR PREDICTING, CONFIRMING, AND  
 DISPLAYING

RECEIVED

FEB 06 2002

TECH CENTER 1600/2900

6 FUNCTIONAL INFORMATION DERIVED FROM GENOMIC SEQUENCE  
 8 <130> FILE REFERENCE: MDhMORF-1  
 10 <140> CURRENT APPLICATION NUMBER: US 09/774,203A  
 11 <141> CURRENT FILING DATE: 2001-01-29  
 13 <150> PRIOR APPLICATION NUMBER: US 60/180,312  
 14 <151> PRIOR FILING DATE: 2000-02-04  
 16 <160> NUMBER OF SEQ ID NOS: 6  
 18 <170> SOFTWARE: Molecular Dynamics Sequence Listing Engine  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 350  
 22 <212> TYPE: DNA  
 23 <213> ORGANISM: Homo sapiens  
 25 <400> SEQUENCE: 1  
 26 tttttttttt tgcaagcaga taaaggctta ttttacttta atggctgac tatgtaatca 60  
 27 cggaggccag tatgtacaca caaaggggca gcttttattt cttggtctct tcttccttgg 120  
 28 acaaagtctt gatgatctcc tcttcttgg cctggagggt ctcttcatag ctcttgtgtg 180  
 29 cttccttgggt cttagatctg cgggcctcag cctgatcagc caggagcttc ttgcgggect 240  
 30 tgtctgcctt cagcttgtgg atgtgttcca tgagaatctg cttgtttttt aacacattcc 300  
 31 tcttcacctt caggtagagg ctgtgataca tgccgagcgc aatcttctta 350  
 33 <210> SEQ ID NO: 2  
 34 <211> LENGTH: 500  
 35 <212> TYPE: DNA  
 36 <213> ORGANISM: Homo sapiens  
 38 <400> SEQUENCE: 2  
 39 cagtccacat gggtacaagc cctgaaacct caaatgtaca tcagaattac ctgtggagtt 60  
 40 gttttttttt tttttttttt ttttttgcaa gcagataaag gcttatttta ctttaaatggc 120  
 41 tgatctatgt aatcacggag gccagtatgt acacacaaag gggcagcttt tatttcttgg 180  
 42 tctcttcctc cttggacaaa gtcttgatga tctctcctt cttggccttg aggtgctctt 240  
 43 catagctctt gtgtgcttcc ttggtcttag atctgcgggc ctcagcctga tcagccagga 300  
 44 gcttcttgcg ggccttgtct gccttcagct tgtggatgtg ttccatgaga atctgcttgt 360  
 45 tttttaacac attcctcttc accttcaggt acaggctgtg atacatgcgg cgatcaatct 420  
 46 tcttagattc acggtatctt ctgagcagcc ggtgcagaat cctcattctc ctcattccag 480  
 47 tgaccttctc tggcattcgg 500  
 49 <210> SEQ ID NO: 3  
 50 <211> LENGTH: 75  
 51 <212> TYPE: DNA  
 52 <213> ORGANISM: Homo sapiens  
 54 <400> SEQUENCE: 3  
 55 tatggtattt tcttatagca acaaaaaata aagatggggg ggagaaatat atttatagaa 60  
 56 agtatttttt taagt 75  
 58 <210> SEQ ID NO: 4  
 59 <211> LENGTH: 500  
 60 <212> TYPE: DNA

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61 &lt;213&gt; ORGANISM: Homo sapiens

63 &lt;400&gt; SEQUENCE: 4

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64 agtatggagc ccccttcatg ggacaggtgg ctttaagaag aggaagagag acctgagctg 60
65 gcagggaactc tcttaccctc tcaccatgtg atgccctcca catgttatga tgcagcaaga 120
66 aggccctcac tggttgctag tgccatgctc ttcgacttcc cagcctgcag aactataaga 180
67 aataaaactta ttttctttat aacttacaca tttatgggtat tttcttatag caacaaaaaa 240
68 taaagatggg gtggagaaat atatttatag aaagtatttt ttaagtataa tgagaaatta 300
69 gacataatgt ttttaactct agagaaattg aaaacagagc acagcacatc ggataaattc 360
70 aataactatc ttaagaatca gcaaaacaac atgcagatgg ctgattggca atagtttcag 420
71 taggcagatt ttgattaaaa taaagaaaaa ctttttaata attaaacctc tccttaaaac 480
72 attatgactt tatgaggtaa                                     500
```

74 &lt;210&gt; SEQ ID NO: 5

75 &lt;211&gt; LENGTH: 125

76 &lt;212&gt; TYPE: DNA

77 &lt;213&gt; ORGANISM: Homo sapiens

79 &lt;400&gt; SEQUENCE: 5

```
80 tcttcattat taatcactct taaacctctt cttcaatctt ctccatcatgt ttaatttctc 60
81 ctttatctta tcttcataac tcagtgccat tctcccttca taacaacaga agctgacatt 120
82 ggaggg                                     125
```

84 &lt;210&gt; SEQ ID NO: 6

85 &lt;211&gt; LENGTH: 500

86 &lt;212&gt; TYPE: DNA

87 &lt;213&gt; ORGANISM: Homo sapiens

89 &lt;400&gt; SEQUENCE: 6

```
90 tcacccctaat ttatataaag cacactacaa tcttaattta acaatccatt ccaaattcca 60
91 ataactctcca gtgttgagat attttttcca tacagcctaa agtgcacata tttagacatt 120
92 tctccaccca tctcctttgc acacgaaaag ttggtaaacy acctcattat actagtagcc 180
93 tttcatattc ttcattatta atcactctta aacctcttct tcaatcttct cctcatgttt 240
94 aattttctccc ttatcttata ttcataactc agtgccattc tcccttcata acaacagaag 300
95 ctgacattgg aggagtatca gccaatgtgt accgctcttt ccctactgtg gtccactgtc 360
96 acccctaact attttatgaa taggattcct atttctagag aagaaaacgc agacttgag 420
97 aggttgagta agttgcctag gaatgtgaag ctgggggtgta gcagaagggg gtcgacgtca 480
98 ggtctggata cctcacctg                                     500
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/774,203A

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